



This document is intended for reference only, by qualified electricians and should not be considered a substitute for national, state and local electrical codes.

Safety Warnings

- THIS PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE NEC, STATE AND LOCAL CODES.
- DO NOT USE A FIXTURE IF THE HOUSING, LENS OR POWER CABLES ARE DAMAGED.
- TO AVOID RISK OF AN ELECTRICAL SHOCK, PLEASE SHUT OFF THE MAIN POWER BEFORE INSTALLING AND WIRING THIS UNIT.
- DO NOT ATTEMPT TO OPEN THIS FIXTURE AS IT CONTAINS NO USER SERVICEABLE PARTS.

A. Selecting a Power Supply

For compliant operation, mac LEDS fixtures must be operated with a suitable UL listed Class 2 power supply. Please select a power supply that is compatible with your lighting requirements. The power supply selected can either drive a single fixture or a series of multiple connected fixtures. Proper power supply selection is determined by the wattage of the fixtures installed and this selection is the sole responsibility of the installer. Do not exceed the wattage limits of the power supply. The total wattage of the series or string of fixtures is additive and must be lower in value than the power supply rating. The installer can purchase the power supply from any supplier offering a suitable Class 2 power supply, or through mac LEDS.

B. Installing the Power Supply

- 1) Identify the location for the power supply.
- 2) When using a single power supply and multiple fixtures, the fixtures are installed in series or in an array format. The fixtures may be ordered with accessories (see Figure 1). Use the connector cables (see Figure 2) when distance is needed between fixtures. Use the connector (see Figure 3) when end-to-end installation is needed to provide uniform and smooth light distribution. Use the DC receptacle when formatting an array series (see Figure 4).

Figure 1:



Connector Accessory



Connector Cable Accessory



DC Receptacle Accessory

Figure 2:

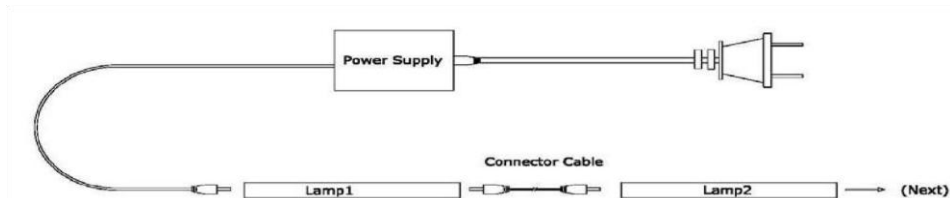


Figure 3:

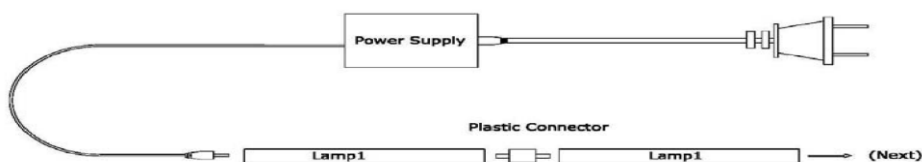


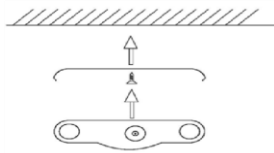
Figure 4:



C. Installing mac LEDS SNAP flatLO fixture

- 1) Fixtures mount by affixing the included bracket with screw. The fixtures can be mounted in an enclosed area using any orientation necessary for proper product illumination. Consult professionals and state/local codes to confirm size and type of hardware to secure the fixture properly to the mounting surface (see Figure 5).

Figure 5:



D. Making Electrical Connections

If you wish to hard wire the power supply direct to the AC mains, have a qualified electrician connect the line voltage to the input side of the power supply in accordance with national, state and local electrical codes.

- 1) Isolate from the mains supply before installation
- 2) Wire the LED fixture onto the DC output of the driver using the pigtail.
RED= positive
BLACK= negative
- 3) Wire the input to AC 120 line/mains
WHITE= neutral
BLACK= line or hot
OR
BLUE= neutral
BROWN= line or hot
- 4) A standard TRIAC dimmer may be used on the AC/line side if a dimmable driver has been used.

Limited Warranty

Mac LEDS (the "Manufacturer") warrants to the original buyer, with proof of purchase, (the "Buyer") that each product manufactured and sold by Manufacturer (the "Product") will be free from defects in the material and workmanship in its intended use (normal wear and tear excepted). This warranty covers Manufacturer's LED components operated on Manufacturer power supplies for a period of THREE YEARS from (the invoice date) from Manufacturer. This warranty does not cover damage caused by tampering with or unauthorized use of or abnormal stress of the product. Unauthorized use or abnormal use or stress includes operation or use of the product in an operating environment that exceeds the limitations specified in the Manufacturer's specifications. This warranty applies to the Buyer. If you have any questions or concerns, please contact mac LEDS:

www.macleads.com
info@macleads.com
P) 888.908.3521
F) 585.672.6134